Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 21 Jan 2023 until 23:59 on Sunday 22 Jan 2023

Forecast Issued on Saturday 21 Jan 2023 at 04:46

Confidence: High confidence for a change over the weekend to milder conditions with cloud and some light rain and a gradual thaw of snow at most levels by early next week. However, lower confidence with the timing of the milder air moving south over England. Lower confidence for cloud amounts and timings of rainfall.

Headline for Saturday 21 Jan 2023: Frosty and largely sunny start, then staying dry with increasing cloud later.

Mountain weather hazards on Saturday 21 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
00%	00%	00%	00%	00%	<05%

Forecast for Saturday 21 Jan 2023

Weather: A largely clear then sunny start, although with perhaps a little patchy cloud at times. Also mist and patchy freezing fog possible at first, especially in the valleys. Fresh southerly winds, leading to a considerable windchill at height. High cloud will gradually spread in from the northwest through the day, leading to a cloudy evening.

Chance of cloud-free hill tops above 600m: Generally 95%, but some patchy cloud is possible around the tops from late morning to early afternoon as any fog lifts and clears.

Low Cloud and visibility: Visibility will be very poor with any patchy fog, temporarily poor with any lifting fog around the tops, but otherwise good or very good with distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 21 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/17 S	9/19 S	12/17 S	13/20 S	14/24 S	14/25 S	15/26 S
300	2/11 SE	2/12 S	8/14 S	7/15 S	5/17 S	5/16 S	5/16 S
Valley	4/8 E	3/8 E	2/7 SE	4/11 S	5/13 SE	5/13 SE	5/14 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-4	-0/-5	-0/-5	-0/-6	-1/-7	-1/-7	-2/-8
300	-3/-5	-2/-4	2/-1	2/-2	-1/-4	-1/-4	-1/-4
Valley	-1/-3	-0/-2	3/2	4/2	1/-1	1/-1	1/-2
Freezing Level*	200m	200m	300m	400m	200m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A breezy day at times for the Yorkshire Dales with fresh gusts at height enhancing the windchill, a little snow melt can be expected at low levels but generally still winter conditions on the hills.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 21 Jan 2023	0.2mm	0.4mm	0.4mm

Forecast for Sunday 22 Jan 2023

Weather: A cloudy and dry night. Then dull, cloudy and mainly dry during the day, although there is a small chance of patchy light rain and drizzle affecting western hills at times. Snow will begin to melt at lower levels as freezing level rises close to summits.

Maximum wind: Southerly 15-20mph with gusts 25-30mph gradually easing.

Chance of cloud-free hill tops above 600m: 95% or above, but later possibly 60% at times across western areas with broken cloud around the summits.

Low Cloud and visibility: Generally good or very good, with distinct hills clearly seen, although locally poor or very poor with early mist or fog and hill fog, and then moderate or poor with any light rain or drizzle.

Temperature: **Valleys:** Zero rising to 6 Celsius.
At 600m: Minus 2 Celsius rising to zero Celsius.
Freezing level: 100m rising 600m.

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